

Commissioner for Patents
Amendment dated September 7, 2004
Response to Office Action dated June 4, 2004
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Serial: 09/915434
Art Unit: 2126
Examiner: Courtenay
Docket No.: AUS9 2001 0136 US1

Amendments to the Specification:

Amend the paragraph starting on page 6, line 17 as follows:

Server 106 includes a static object directory 208. Interpreter 202 uses the information stored in static object directory 208 to determine if the requested object is static, and if so, whether pre-formatted packets corresponding to the requested object have been previously generated. If the packets have been previously generated, interpreter uses the static object directory information to determine the location of the pre-formatted packets corresponding to the object reside (e.g., local memory, local disk, or on network storage 108). If the information in directory 208 indicates that the requested object is static but requires processing to generate the pre-formatted ~~{packets. If, interpreter}~~ packets, interpreter 202 retrieves the requested object from an object cache 206 or, if the object is not available in cache 206, from disk storage. After the object has been retrieved, interpreter 202 invokes network processing code 210 to generate a response in the form of a network compliant packet or set of packets (packet train) suitable for transmission to client 102.

Amend the paragraph starting on page 8, line 9 as follows:

FIG 3 presents a flow diagram illustrating a method 300 of responding to a client request for a specific object in a data processing network. In the depicted embodiment, server 106 receives a client request (block 302). The server device determines (block 304) whether a form of a response containing the requested object is available to the server. If no such representation of the response is available, a response comprising a set of one or more packets is generated (block 306) using fully general network protocol processing including the allocation of memory for the generated response, appropriate data copying, packet formatting, and the calculation of an appropriate checksum. In addition, the interpreter will determine (block 308) whether the requested object is a static ~~{object. If}~~ object. If the requested object is determined to be a static object, ~~{the}~~ a form response is generated (block 309) from the packetized response. Generating the form response may include inserting one or more blank header fields into the formatted packets. The form response is then stored (block 310) in the static object database as a set of pre-formatted packets available for subsequent requests. The static object directory is then updated (block 311) to include a reference to the form response thereby enabling subsequent request to locate and access the form.